

## **Taber Stiffness Tester (Motorized Type)**

**Model No. 2048-M**

This tester readily measures the stiffness of paper and paperboard. Features a high precision: a pendulum gives flexural loads to the specimen. Use of an auxiliary weight or a correcting element widens the measurement range, increasing sensitivity and reproducibility. One end of the specimen is held on the pendulum rotating axis, while the other end is positioned between a pair of rollers that turn with the loading disc to exert flexural loads on the specimen. The loading point (rotation angle) is read on the outer scale disc when the specified deflection angle, 15 or 7.5 degrees, is reached.



|                                      |   |
|--------------------------------------|---|
| <b>Specimen</b>                      | 30 to 40mm wide (typically 38mm),<br>70mm long, up to 3.2mm thick |
| <b>Deflection Angle</b>              | 15° or 7.5°   |
| <b>Maximum Flexural Moment</b>       | 490mN · m   |
| <b>Accessories</b>                   | weights range 500, 1,000, 2,000g                                  |
| <b>Correction Element (0 to 10g)</b> | 1 piece each  |
| <b>Referential Standards</b>         | JIS P-8125-2000, TAPPI T489os-99, ISO 2493                        |
| <b>Power Source</b>                  | Single-phase 100/110VAC 50/60Hz 0.5A                              |
| <b>Outer Dimensions</b>              | 350×250×260mm   |
| <b>Instrument Weight</b>             | 13kg  |

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